JHMCS II

Helmet Mounted Display System

Next Generation, Color Day & Night HMS

CEVS
COLLINS ELBIT VISION SYSTEMS LLC

Elbit Systems™
Aerospace

Latest Technology Answers Top Operational Demands

Built on an exceptional legacy and operational success, the new JHMCS II offers uniquely advanced capabilities in an affordable package

Specifically designed for today's areas of operation and tomorrow's operational demands, the JHMCS II system delivers color as well as day and night capabilities at the lowest cost.

Our HMD systems are a daily companion for thousands of fighter pilots worldwide.

From the same house, with 20 years of operational experience, comes JHMCS II, operationally ready for day and night conditions, and equipped with advanced color and video display capabilities.

JHMCS II is light weight, with minimal installation footprint, delivering new levels of logistics and operational savings.

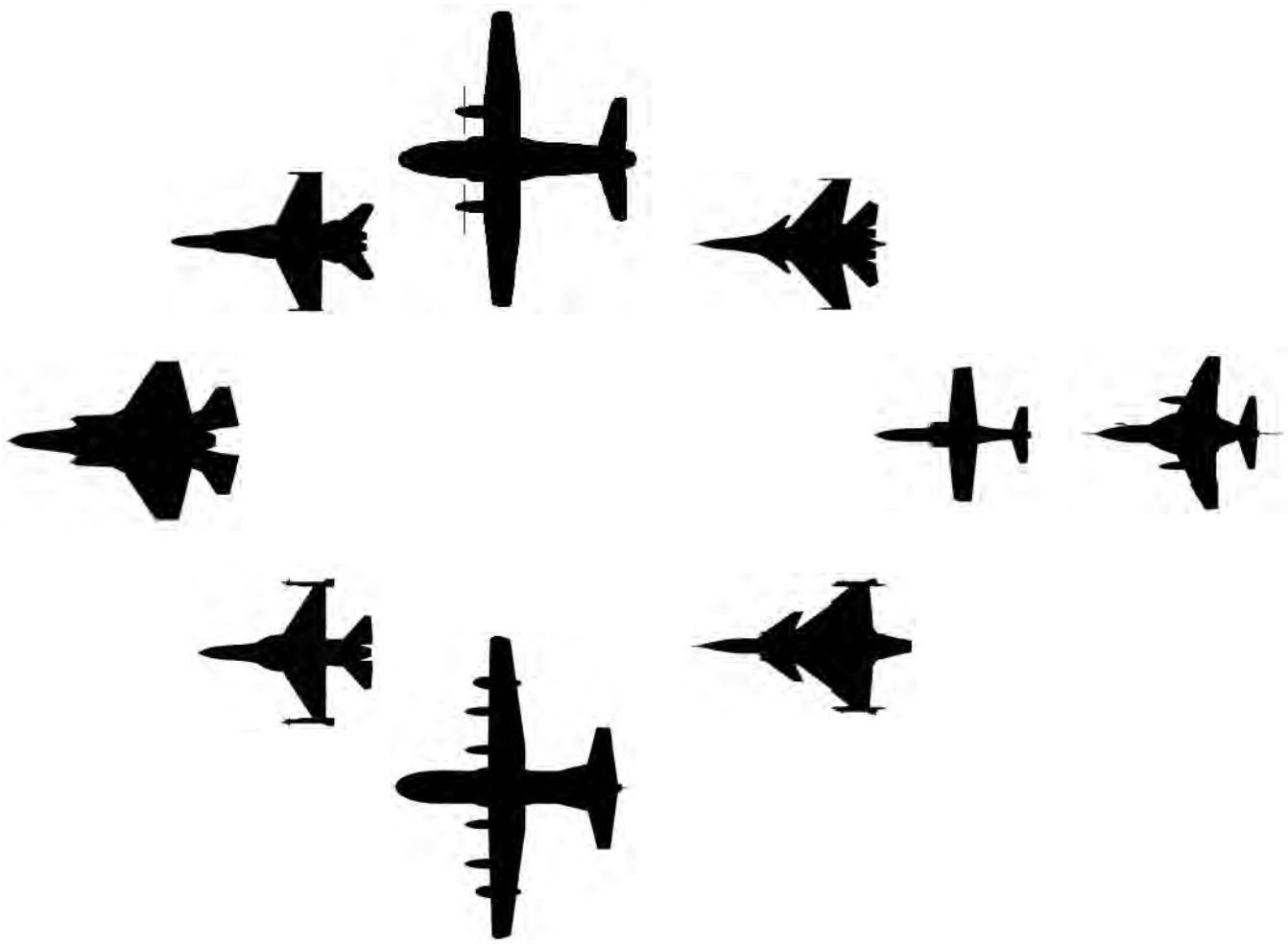
Next Generation JHMCS II

- NVCD (night symbology) and click-on Night Vision Goggles (NVG) utilizing the standard NVG mounting bracket
- Improved helmet comfort and CG
- Safe, proven visor projection
- 20 degree circular FOV
- Highest accuracy ,hybrid optical/inertial tracker with unlimited motion box and highest redundancy
- Unique color display
- Multi-sensor video presentation
- Canary™ - pilot health monitoring capable of identifying and warning prior to Hypoxia and GLOC events or call for automatic aircraft recovery in case of pilot's loss of consciousness
- Variable Transmittance Visor (VTV) is an Elbit's proprietary photochromic coating which dynamically attenuates the intensity of the light passing through the visor, enabling pilots to perform both day and night missions using a single visor, thereby improving user experience and increasing mission effectiveness

Seamless Technology-Leap

- Flexible, software-customized symbology and logic
- Virtual Training Display support
- Light-weight with minimal installation or aircraft down time required
- Minimal and affordable GSE
- Low voltage and low power consumption flat panel display

Our HMS Aircraft Legacy



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